Bruhat Bangalore Mahanagara Palike
Excecutive Engineer Yelahanka Project Division

Name of Work: Improvements to Roads and Footpath Maintenance in ward no 03

					Est cost : Rs. 7,50,000/-				
Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
1	KSRRB M200-12.1. Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. KSRRB M200-13.1. –do– II. By Mechanical Means. A. Cement Concrete Grade M-15 & M-20. (Page No 139., I.No.18.20 of KPWD S.R 2018-19).								
	Basic rate	390.00							
	6% AW	23.40							
	Sub Total-1	413.40							
	12km Lead & lift with Transport= (1.28*2.0*12)+57	87.72							
	Sub Total	501.12							
	12% GST	60.13							
	Total	561.25							
	Cobble tiles	1	195.00	2.00	0.15	58.50			
						58.50	**Cum**	**561.25**	**32833.38**
2	KSRRB M300-53. Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300-2 complete as per specifications, including cost of gravel / murrum, watering charges & compaction by vibratory roller to 95% of modified proctors density. MORTH Specification No. 305 (P.147/I.19.60) PWD SR 2018-19								
	Basic rate	325.00							
	6% AW	19.50							
	Sub Total	344.50							
	12% GST	41.34							
	Total	385.84							
	Cobble tiles	1	195.00	2.00	0.20	78.00			
						78.00	**Cum**	**385.84**	**30,095.52**
3	KSRB 14.6 : Providing and laying heavy duty cobble stones interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour and HOM complete as per specifications. Specification No. KBS (P.103/I.14.6) PWD SR 2018-19								
	Basic rate	1053.00							
	6% AW	63.18							
	Sub Total	1116.18							
	Cobble tiles	1	195.00	2.00		390.00			
						390.00	**Sqm**	**1116.18**	**435310.20**

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Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
4	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No-13,I No-4.6)								
	Basic rate	5422.00							
	6% AW	325.32							
	Sub Total	5747.32							
	For Kerb stone								
		1	195.00	0.20	0.10	3.90			
						3.90	**Cum**	**5747.32**	**22,414.55**
5	Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation ete.,complete. As per the direction of Engineer incharge. Item No 5.30, Page No.27								
	Basic rate	408.00							
	Area weightage 6%	24.48							
	Total	**432.48**							
	For Kerb stone								
		1	195.00			195.00			
						195.00			
						433.00	**Nos**	**432.48**	**187263.84**
6	KSRRB 800-1. Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications. MORTH Chapter 8. (P.No.178, I.No.24.1 of PW, P&IWTD SR 2018-19)								
	Basic rate	80.00							
	Area weightage 6%	4.80							
	Total	**84.80**							
	For Kerb stone								
		1	195	0.35		68.25			
						68.25	**Sqm**	**84.80**	**5,787.60**
								Total Construction Cost	**713705.09**
								GST 12%	**35,685.25**
								Total	**749390.34**
								Miscellaneous & Rounding off	**609.66**
								GRAND TOTAL	**750000.00**

Certificate

1. The workspot was inspected and works is found to be necessary.
2. The area comes within the Bruhat Bangalore Mahanagara Palike limits.
3. The rates adopted based on the PWD SR,Bangalore circle for year 2018-2019, and Data Rates.

Assistant Engineer
Yelahanka Project Division
BBMP Bangalore

Asst. Executive Engineer,
Yelahanka Project Division
BBMP Bangalore

Executive Engineer, 22/2/19
Yelahanka Project Division
BBMP Bangalore

Administrative Approval
Accorded For Rs 7.5 Lakhs only
Head of A/C P-3296
CER NO :39..... Dt:22/02/19
E.E. (Project) 22/2

Technical Sanction
Accorded For Rs 7.5 Lakhs only
Head of A/C P-3296
CER NO :13..... Dt:22/02/19
E.E. (Project) 22/2

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